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L7 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2002:696713 CAPLUS

DOCUMENT NUMBER: 137:222129

TITLE: Absorbent articles with simplified stable compositions containing emollient and polymeric stability enhancer  
INVENTOR(S): Kruchoski, Benjamin Joseph; Kottek, Michael Brent; Krzysik, Duane Gerard; Cunningham, Corey Thomas; Orchard, Lewis Preole

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 21 pp., Cont.-in-part of U.S. Ser. No. 746,880.

CODEN: USXEC0

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002128621	A1	20020912	US 2001-27264	20011221
US 2002128615	A1	20020912	US 2000-746880	20001222

PRIORITY APPLN. INFO.: US 2000-746880 A2 20001222

AB The present invention relates to absorbent articles contg. skin care compns. The skin care compns. contg. about 40-99% of an emollient and about 1-60% of a stability enhancer are stable on the bodyside liners of absorbent articles despite not contg. an immobilizing agent. Surprisingly, the skin care compns. of the invention even demonstrate less migration away from the bodyside liner than do other compns. that contain so-called immobilizing agents. The compns. of the invention possess phys. properties, such as m.p.s., viscosities and hardnesses, comparable to compns. contg. immobilizing agents, making them suitable for use on absorbent articles. For example, a compn. contg. 61% white petrolatum and 39% Elvax 220 resin was slot coated onto std. bodyside liner of disposable diapers and evaluated for stability. The diapers were placed into aging chambers at 40.degree. and 75% relative humidity showing the compn. loss of 2.5% after 7 days.

IT 112-92-5, Stearyl Alcohol 661-19-8, Behenyl Alcohol

RL: THU (therapeutic use); BIOL (Biological study); USES (Uses)  
(skin care compns. contg. emollient and polymeric stability enhancer for coating onto absorbent articles)

RN 112-92-5 CAPLUS

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>17</sub>-Me

RN 661-19-8 CAPLUS

CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>21</sub>-Me

L7 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS (Continued)

HO- (CH<sub>2</sub>)<sub>21</sub>-Me

L7 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2002:504577 CAPLUS

DOCUMENT NUMBER: 137:68236

TITLE: Absorbent articles with simplified emollient compositions having good stability  
INVENTOR(S): Kruchoski, Benjamin Joseph; Kottek, Michael B.; Krzysik, Duane Gerard; Cunningham, Corey Thomas; Orchard, Lewis Preole, IV

PATENT ASSIGNEE(S): Kimberly-Clark Worldwide, Inc., USA

SOURCE: PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
WO 2002051363	A2	20020704	WO 2001-US50111	20011221	
V: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZH, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	US 2002128615	A1	20020912	US 2000-746880	20001222

PRIORITY APPLN. INFO.: US 2000-746880 A 20001222

AB The present invention relates to absorbent articles including skin care compns. The skin care compns. of the invention are stable on the bodyside liners of absorbent articles despite not contg. an immobilizing agent. Surprisingly, the skin care compns. of the invention even demonstrate less migration away from the bodyside liner than do other compns. that contain so-called "immobilizing agents". The compns. of the invention possess phys. properties, such as m.p.s., viscosities and hardnesses, comparable to compns. contg. immobilizing agents, making them suitable for use on absorbent articles. For example, a compn. contg. 79% white petrolatum and 21% Elvax 220/resin, when coated on the liner of a disposable diaper, showed a percent loss, an indicative of the 2-direction migration of the compn., of 3.3%.

IT 112-92-5, Stearyl Alcohol 661-19-8, Behenyl Alcohol

RL: DEV (Device component use); THU (therapeutic use); BIOL (Biological study); USES (Uses)  
(absorbent articles with simplified emollient compns. having good stability)

RN 112-92-5 CAPLUS

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>17</sub>-Me

RN 661-19-8 CAPLUS

CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

L7 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2002:104612 CAPLUS

DOCUMENT NUMBER: 136:133967

TITLE: Pharmaceutical and food compositions containing wood alcohols or wood sterols useful for lowering serum cholesterol

INVENTOR(S): Markovits Schersl, Endre; Markovits Rojas, Alejandro; Fuenzalida Diaz, Miguel

PATENT ASSIGNEE(S): Haerting, Thomas Francis, Chile  
SOURCE: Eur. Pat. Appl., 12 pp.

CODEN: EPXWD

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1177729	A2	20020206	EP 2001-306414	20010726
EP 1177729	A3	20020925	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO	CL 2000-2187 A 20000803

PRIORITY APPLN. INFO.: CL 2000-2187 A 20000803  
AB Dietary utilization of mixts. comprise fatty acids. of less than 26 carbon atoms per mol. and/or wood sterols derived from non-saponifiable compds. contained in black liquor soaps or tall oil pitch useful for lowering serum cholesterol. Food and pharmaceutical compns. contg. these fatty acids. or sterols or sterol esters are provided.

IT 112-92-5, Octadecanol 506-51-4, Tetraicosanol

506-52-5, Hexacosanol 629-96-9, Eicosanol

661-19-8, Docosanol

RL: FFD (Food or feed use); THU (therapeutic use); BIOL

(Biological study); USES (Uses)  
(pharmaceutical and food compns. contg. wood alcs. or wood sterols useful for lowering serum cholesterol)

RN 112-92-5 CAPLUS

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>17</sub>-Me

RN 506-51-4 CAPLUS

CN 1-Tetracosanol (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>23</sub>-Me

RN 506-52-5 CAPLUS

CN 1-Hexacosanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>25</sub>-Me

RN 629-96-9 CAPLUS

CN 1-Eicosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

L7 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2002 ACS (Continued)

HO-(CH<sub>2</sub>)<sub>19</sub>-MeRN 661-19-8 CAPLUS  
CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L7 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2001:3308290 CAPLUS  
 DOCUMENT NUMBER: 134:325507  
 TITLE: Cholesterol reducing sterol compositions, preparation and method of use  
 INVENTOR(S): Henon, Vinod P.; Kihlen, Patrick J.; Pirakitikul, Pichai  
 PATENT ASSIGNEE(S): Monsanto Company, USA  
 SOURCE: PCT Int. Appl., 39 pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001032031	A2	20010510	WO 2000-US30350	20001103
WO 2001032031	A3	20011206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, T2, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG BR 2000015331 A 20020709 BR 2000-15331 20001103 EP 1225812 A2 20020731 EP 2000-976899 20001103 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR PRIORITY APPLN. INFO.: US 1999-163383P P 19991104 US 2000-198449P P 20000419 WO 2000-US30350 W 20001103				

AB A compn. comprises a mixt. of a phytosterol and/or phytosterol ester and a surfactant(s). The surfactants are selected from the group consisting of anionic, cationic, nonionic, and zwitterionic surfactants. The phytosterol is selected from the group consisting of *sitosterol*, *campesterol*, *brassicasterol*, *stigmasterol*, *clionasterol* and mixts. thereof. The phytosterol esters are derivs. of the aforementioned phytosterols. The invention is also directed to a method of making the disclosed compns., and to non-fat contg. food products including the disclosed compns.

IT 112-92-5, 1-Octadecanol 506-52-5, 1-Hexacosanol

629-96-9, 1-Eicosanol 661-19-8, 1-Docosanol

RL: FEB (Food or feed use); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)

(Cholesterol reducing sterol compns., prepn. and method of use)

RN 112-92-5 CAPLUS

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

RN 506-52-5 CAPLUS

L7 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2002 ACS (Continued)  
CN 1-Hexacosanol (8CI, 9CI) (CA INDEX NAME)HO-(CH<sub>2</sub>)<sub>25</sub>-MeRN 629-96-9 CAPLUS  
CN 1-Eicosanol (6CI, 8CI, 9CI) (CA INDEX NAME)HO-(CH<sub>2</sub>)<sub>19</sub>-MeRN 661-19-8 CAPLUS  
CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L7 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2000:772502 CAPLUS  
 DOCUMENT NUMBER: 133:340294  
 TITLE: Skin-friendly absorbent articles and compositions  
 INVENTOR(S): Krzysik, Duane Gerard; Ott, David Roland; Lange, Beth Anne; Nelson, Brenda Marie  
 PATENT ASSIGNEE(S): Kimberly-Clark Worldwide, Inc., USA  
 SOURCE: PCT Int. Appl., 46 pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000064503	A1	20001102	WO 2000-US11141	20000420
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CH, GA, GN, GW, ML, MR, NE, SN, TD, TG US 6287581 B1 20010911 US 1999-379928 19990824 BR 2000009982 A 20020108 BR 2000-9982 20000420 EP 1173232 A1 20020123 EP 2000-926374 20000420 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO PRIORITY APPLN. INFO.: US 1999-130699P P 19990423 US 1999-379928 A 19990824 WO 2000-US11141 W 20000420				

AB A superior skin barrier-enhancing body facing material, such as a body side liner on an absorbent article, can be made by applying, on the outer surface of the body facing material, a lipid-enriched hydrophobic compn. comprising a natural fat or oil, a sterol or sterol deriv., an emulsifying surfactant, a humectant, an emollient, a wax, and a viscosity enhancer, and thereafter resolidifying the compn. to form a distribution of solid compn. on the outer surface of the body facing material. A lipid-enriched formulation for treatment of absorbent articles enhance skin moisturization was prepd. from petroleum 93.7, glycerin 5, Prolipid 141 (mixt. of glyceryl stearate, fatty acids, fatty acids, and phospholipids) 1, and tocopherol acetate 0.3 %.

IT 112-92-5, Stearyl alcohol 661-19-8, Behenyl alcohol  
RL: BUU (Biological use, unclassified); THU (Therapeutic use);  
BIOL (Biological study); USES (Uses)

(skin barrier-enhancing compns. for absorbents contg.)

RN 112-92-5 CAPLUS

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-MeRN 661-19-8 CAPLUS  
CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

L7 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2002 ACS (Continued)

HO- (CH<sub>2</sub>)<sub>21</sub>-Me

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2000:772423 CAPLUS  
 DOCUMENT NUMBER: 133:339968  
 TITLE: Absorbent tissues providing skin barrier enhancement enriched with fats and viscosity enhancers and surfactants  
 INVENTOR(S): Krzyzak, Duane Gerard; Nelson, Brenda Marie; Lange, Beth Anne; Ottis, David Roland  
 PATENT ASSIGNEE(S): Kimberly-Clark Worldwide, Inc., USA  
 SOURCE: PCT Int. Appl., 35 pp.  
 CODEN: PIXX02  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000064407	A1	20001102	WO 2000-US11089	20000420
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, HD, RU, TJ, TH, RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DX, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GM, HI, MR, NE, SN, TD, TG, BR 2000-9348, 20000420				
BR 200009348	A	20020205	BR 2000-9348	20000420
GB 2366203	A1	20020306	GB 2001-25796	20000420
DE 10084458	T	20020425	DE 2000-10084458	20000420
PRIORITY APPLN. INFO.: US 1999-130900P P 19990423 US 1999-379777 A 19990824 WO 2000-US11089 W 20000420				

AB A skin barrier-enhancing tissue product, such as facial tissues, bath tissues or paper towels and the like, can be obtained by applying, on the surface(s) of the tissue, a lipid-enriched melted oil based-hydrophobic compn. comprising a natural fat or oil, a sterol or sterol deriv., an emulsifying surfactant having an HLB range 3-6, humectant, an emollient, a wax, and a viscosity enhancer, and then resolidifying the compn. to form a distribution of solid compn. on the surface(s) of the tissue. Thus, a formulation contained glycerin 5, petrolatum 93.7, Prolipid-141 1.0, and tocopherol acetate 0.3%. The lipid-enriched formulations improved skin barrier repair.

IT 112-92-5, Stearyl alcohol 661-19-8, Behenyl alcohol  
 RU: BUU (Biological use, unclassified); THU (Therapeutic use);  
 BIOL (Biological study); USES (Uses)  
 (skin barrier enhancing absorbent paper tissues enriched with fats and viscosity enhancers and surfactants)

RN 112-92-5 CAPLUS

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>17</sub>-Me

RN 661-19-8 CAPLUS

L7 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2002 ACS (Continued)  
 CN 1-Octadecanol (6CI, 8CI, 9CI) (CA INDEX NAME)HO- (CH<sub>2</sub>)<sub>21</sub>-Me

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2000:172952 CAPLUS  
 DOCUMENT NUMBER: 132:212533  
 TITLE: Combination of antiadhesives (sterols and sterol derivatives) and microbicides  
 INVENTOR(S): Wolf, Florian; Schreiber, Joerg; Buenger, Joachim; Teichmann, Stefan; Traupe, Bernd; Beiersdorf A.-G., Germany  
 PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany  
 SOURCE: Ger. Offen., 26 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19841795	A1	20000316	DE 1998-19841795	19980912
EP 995425	A2	20000426	EP 1999-117490	19990910
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.: DE 1998-19841795 19980912  
 AB A combination of a microbicide with a sterol inhibitor of microbial adhesion to the skin is useful in cosmetic and dermatol. compns. for treatment of microbial superinfections of the skin with bacteria, fungi, viruses, protozoa, and parasites without affecting the normal skin flora. Inhibition of microbial adhesion synergistically renders the microorganisms more susceptible to the action of microbicides. Such compns. can be used e.g. as anti-acne agents, deodorants, or preservatives, or in treatment of dermatomycosis, seborrhea, psoriasis, wound infections, or immunosuppression. Thus, an ointment contained Vaseline 36.00, ceresin 10.00, ZnO 4.00, vegetable oil 20.00, cholesterol 3.50, lanolin acids 0.25, perfume, preservatives, and paraffin oil to 100.00 wt.-%.

IT 112-92-5, 1-Octadecanol  
 RU: BAC (Biological activity or effector, except adverse); BUU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (combination of antiadhesives (sterols and sterol derivs.) and microbicides in cosmetic and dermatol. preps.)

RN 112-92-5 CAPLUS

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>17</sub>-Me

L7 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:111394 CAPLUS

DOCUMENT NUMBER: 132:117079

TITLE: Bioavailability of *beta*-sitosterol from

Pygeum africanum extract in humans

AUTHOR(S): El-Menshawi, B. S.; Estefan, M. Y.  
CORPORATE SOURCE: Industrial Pharmacy Lab., Dep. Pharmaceutical Sci.,  
National Research Center, Giza, 12622, Egypt

SOURCE: Pharmaceutical and Pharmacological Letters (1999),  
9(2), 80-83

CODEN: PFLER3; ISSN: 0939-9488

PUBLISHER: Medpharm Scientific Publishers

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Although *beta*-sitosterol (BSS) is the active agent in several oral pharmaceutical preps. used for the treatment of benign prostate hypertrophy, including those based on P. africanum (PA) bark ext., no explicit bioavailability of BSS was published for humans. In the present work the rate and extent of absorption of BSS was detd. in humans by administration of PA ext. formulated in 2 different marketed capsules (ref. and test Products). The study was a comparative bioavailability conducted in 18 healthy volunteers, where each product was given in a single dose of 150 mg dry PA ext., equiv. to 16 mg BSS, in a cross-over design. BSS blood serum concns. were analyzed by a validated HPLC-method. The results indicated that PA-based BSS possessed a Cmax of 9.8 and 8.64  $\mu$ g.ml<sup>-1</sup>, tmax of 2.86 and 2.92 h, AUC0-8 of 46.7 and 27.24  $\mu$ g.ml<sup>-1</sup>.h, AUC0- $\infty$  of 42.35 and 46.53  $\mu$ g.ml<sup>-1</sup>.h, MRT = 3.08 and 3.22 h, t1/2 of 2.53 and 3.41 h, in ref. and test Products, resp. The relative bioavailability based on Cmax is 88.16% and the overall bioavailability judged from AUC0-8 = 102.02%. The results are discussed together with the published data on BSS pharmacokinetics in beagle dog.

IT 661-19-8, Tadenan

RL: BPR (Biological process); BSU (Biological study; unclassified);

THU (therapeutic use); BIOL (Biological study); PROG (Process);

USES (Uses)

(bioavailability of *beta*-sitosterol from Pygeum africanum)

RN 661-19-8 CAPLUS

CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1999:390376 CAPLUS

DOCUMENT NUMBER: 131:23551

TITLE: Novel administration form comprising an acid-labile

active compound

INVENTOR(S): Linder, Rudolf; Dietrich, Rango  
PATENT ASSIGNEE(S): Byk Gulden Lomborg Chemische Fabrik GmbH, Germany  
SOURCE: PCT Int. Appl., 18 pp.

CODEN: PIXKD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9929320	A1	19990617	WO 1998-EP8036	19981208

W: AL, AU, BA, BG, BR, CA, CN, CZ, EE, GE, HR, HU, ID, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

DE 19754324 A1 19990610 DE 1997-19754324 19971208

DE 19822549 A1 19991125 DE 1998-19822549 19980520

CA 2310585 AA 19990617 CA 1998-2310585 19981208

AU 9921600 A1 19990628 AU 1999-21600 19981208

AU 751066 B2 20020808

EP 1037634 A1 20000927 EP 1998-965801 19981208

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

JP 200152366 T2 20011211 JP 2000-523991 19981208

US 6328993 B1 20011211 US 2000-530944 20000622

PRIORITY APPLN. INFO.: DE 1997-19754324 A 19971208

DE 1998-19822549 A 19980520

WO 1998-EP8036 W 19981208

AB Novel administration form for acid-labile active compds. are described.

The novel administration forms have no enteric layers and are suitable for oral administration. The acid-labile active compd. is an acid-labile proton pump inhibitor. Cholesterol 7 g and Ethocel 5 g were dissolved in 100 mL dichloromethane and 5 g pantoprazole sodium sesquihydrate was suspended in the soln. The suspension was spray-dried to give a white free-flowing powder. Tablets were prep'd. from the granules contg.

mannitol, Kollidon-30, xanthan gum, and the above powder.

IT 112-92-5, Stearyl alcohol

RL: THU (therapeutic use); BIOL (Biological study); USES (Uses)

(oral formulations contg. acid-labile drug particles surrounded with

sterols and polymers and/or fatty alcs.)

RN 112-92-5 CAPLUS

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2002 ACS (Continued)

L7 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:388074 CAPLUS

DOCUMENT NUMBER: 131:23549

TITLE: Novel suppository form comprising an acid-labile

active compound

INVENTOR(S): Linder, Rudolf; Dietrich, Rango  
PATENT ASSIGNEE(S): Byk Gulden Lomborg Chemische Fabrik GmbH, Germany  
SOURCE: PCT Int. Appl., 18 pp.

CODEN: PIXKD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9929299	A1	19990617	WO 1998-EP7946	19981208

W: AL, AU, BA, BG, BR, CA, CN, CZ, EE, GE, HR, HU, ID, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

DE 19754324 A1 19990610 DE 1997-19754324 19971208

DE 19822549 A1 19991125 DE 1998-19822549 19980520

CA 2312493 AA 19990617 CA 1998-2312493 19981208

AU 9924130 A1 19990628 AU 1999-24130 19981208

AU 748209 B2 20020530

EP 1037607 A1 20000927 EP 1998-966609 19981208

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

JP 200152355 T2 20011211 JP 2000-523971 19981208

US 6383510 B1 20020507 US 2000-554079 20000706

US 2002090397 A1 20020711 US 2002-96288 20020313

PRIORITY APPLN. INFO.: DE 1997-19754324 A 19971208

DE 1998-19822549 A 19980520

WO 1998-EP7946 W 19981208

US 2000-554079 A3 20000706

AB A new administration form for acid-labile active compds. is described.

The administration form is a suppository, in particular for rectal administration. Cholesterol 7 g and Ethocel 5 g were dissolved in 100 mL dichloromethane and 5 g pantoprazole sodium sesquihydrate was suspended in the soln. The suspension was spray-dried to give a white free-flowing powder. The powder was introduced to 194.7 g suppository base (Adeps solidus) and the obtained suspension was cast into suppositories of 2.1 g each.

IT 112-92-5, Stearyl alcohol

RL: THU (therapeutic use); BIOL (Biological study); USES (Uses)

(suppositories contg. acid-labile drug particles surrounded with

sterols and polymers and/or fatty alcs.)

RN 112-92-5 CAPLUS

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1998-208778 CAPLUS  
DOCUMENT NUMBER: 1281305149  
TITLE: Repellents for control of Dermatophagoïdes  
INVENTOR(S): Kumuki, Hiromi; Fujii, Masashi  
PATENT ASSIGNEE(S): Fujii, Masashi, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10087409	A2	19980407	JP 1996-279823	19960913

AB The repellents contain at least 1 compd. selected from 89 compd. classes including essential oils, glycerides, plant exts., and esters (compds. of the 89 classes are described in the claim) and are applied at 0.01-100 wt.% to household utensils, cosmetics, quasi-drugs, and topical preps. Tetrahydrolinalool showed repellent effects against Dermatophagoïdes pteronyssinus and D. farinae with a min./effective concn. of 1.0 wt.%.

IT 661-19-8D, Behenyl alcohol, esters with N-acyl-L-glutamic acids  
RL: BAC (Biological activity or effect, except adverse); BSU (Biological study, unclassified); BUU (Biological/use, unclassified); TEM (Technical or engineered material use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(repellents for control of Dermatophagoïdes)

RN 661-19-8 CAPLUS  
CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

=> file uspatful		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	81.31	103.58
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-6.82	-6.82

FILE 'USPATFULL' ENTERED AT 15:43:48 ON 25 NOV 2002  
 CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 21 Nov 2002 (20021121/PD)  
 FILE LAST UPDATED: 21 Nov 2002 (20021121/ED)  
 HIGHEST GRANTED PATENT NUMBER: US6484318  
 HIGHEST APPLICATION PUBLICATION NUMBER: US2002174474  
 CA INDEXING IS CURRENT THROUGH 21 Nov 2002 (20021121/UPCA)  
 ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 21 Nov 2002 (20021121/PD)  
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2002  
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2002

>>> USPAT2 is now available. USPATFULL contains full text of the <<<  
 >>> original, i.e., the earliest published granted patents or <<<  
 >>> applications. USPAT2 contains full text of the latest US <<<  
 >>> publications, starting in 2001, for the inventions covered in <<<  
 >>> USPATFULL. A USPATFULL record contains not only the original <<<  
 >>> published document but also a list of any subsequent <<<  
 >>> publications. The publication number, patent kind code, and <<<  
 >>> publication date for all the US publications for an invention <<<  
 >>> are displayed in the PI (Patent Information) field of USPATFULL <<<  
 >>> records and may be searched in standard search fields, e.g., /PN, <<<  
 >>> /PK, etc. <<<

>>> USPATFULL and USPAT2 can be accessed and searched together <<<  
 >>> through the new cluster USPATALL. Type FILE USPATALL to <<<  
 >>> enter this cluster. <<<  
 >>> <<<  
 >>> Use USPATALL when searching terms such as patent assignees, <<<  
 >>> classifications, or claims, that may potentially change from <<<  
 >>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d ibib ab hitstr 1-31

L9 ANSWER 1 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:290359 USPATFULL  
 TITLE: Absorbent articles having skin health benefits  
 INVENTOR(S): Krzysik, Duane Gerard, Appleton, WI, United States  
 Orts, David Roland, Appleton, WI, United States  
 Lange, Beth Anne, Appleton, WI, United States  
 Nelson, Brenda Marie, Appleton, WI, United States  
 PATENT ASSIGNEE(S): Kimberly-Clark Worldwide, Inc., Neenah, WI, United States (U.S. corporation)

NUMBER	KIND	DATE
PATENT INFORMATION: US 6475197	B1	20021105
APPLICATION INFO.: US 1999-382018		19990824 (9)
DOCUMENT TYPE: Utility		
FILE SEGMENT: GRANTED		
PRIMARY EXAMINER: Lewis, Kim M.		
LEGAL REPRESENTATIVE: Charlier, Patricia A.		
NUMBER OF CLAIMS: 43		
EXEMPLARY CLAIM: 1,33		
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT: 1360		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A superior skin barrier enhancing body facing material on an absorbent article, can be made applying, on the outer surface of the body facing material, a melted lipid-enriched hydrophilic composition comprising a hydrophilic solvent, a high molecular weight polyethylene glycol, a fatty alcohol (C<sub>sub</sub>14-C<sub>sub</sub>18), humectant, an oil-in-water emulsifying surfactant having an HLB range greater than 7, a sterol or sterol derivative, and a natural fat or oil, and thereafter resolidifying the composition to form a distribution of solid composition on the outer surface of the body facing material.

IT 112-92-5, Stearyl alcohol 629-96-9, Arachidyl alcohol 661-19-8, Behenyl alcohol (skin-friendly absorbent articles)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

RN 629-96-9 USPATFULL

CN 1-Eicosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>19</sub>-Me

RN 661-19-8 USPATFULL

CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 2 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:259584 USPATFULL  
 TITLE: High purity polysaccharide containing hydrophobic group and process for producing it  
 INVENTOR(S): Sunamoto, Junzo, Kusatsu-Shi, JAPAN  
 Akiyoshi, Kazunari, Uji-Shi, JAPAN  
 Hosotani, Ryuzo, Tsukuba-Shi, JAPAN  
 Hayashi, Akio, Chiba, JAPAN  
 Fukui, Hiroki, Tsukuba-Shi, JAPAN  
 PATENT ASSIGNEE(S): NOF CORPORATION (non-U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2002143160 A1 20021003  
 APPLICATION INFO.: US 2002-91992 A1 20020306 (10)  
 RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-530347, filed on 25 Apr 2000, PENDING A 371 of International Ser. No. WO 1999-JP1683, filed on 31 Mar 1999, UNKNOWN

NUMBER	DATE
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PRIORITY INFORMATION: JP 1998-244671 19980831

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: Flynn, Thiel, Boutell & Tanis, P.C., 2026 Rambling Road, Kalamazoo, MI, 49008-1699

NUMBER OF CLAIMS: 25

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 4 Drawing Page(s)

LINE COUNT: 1417

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB 1. A high purity polysaccharide containing hydrophobic group is produced by a process, comprising

a first process step of producing an isocyanate group-containing hydrophobic compound, wherein one mole of a hydroxyl group-containing hydrocarbon having 12-50 carbon atoms or of a sterol is reacted with a diisocyanate represented by OCN-R<sub>1</sub>-NCO in which R<sub>1</sub> is a hydrocarbon of 1-50 carbon atoms,

a second process step of producing the polysaccharide containing hydrophobic group composed of the hydrocarbon group of 12-50 carbon atoms or of the sterol group, wherein the isocyanate group-containing hydrophobic compound obtained in the first process step is reacted with one or more polysaccharides, and

a purification step in which the reaction product in the second process step is purified using a solvent based on ketone.

IT 112-92-5, 1-Octadecanol (reactant; manuf. of high-purity polysaccharide contg. hydrophobic groups)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 1 OF 31 USPATFULL (Continued)

L9 ANSWER 3 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:242854 USPATFULL  
 TITLE: Synthetic fat composition

INVENTOR(S): Tamarkin, Dov, Maccabim, ISRAEL  
 Eine, Meir, Ness Ziona, ISRAEL  
 Peled, Michal, Rehovot, ISRAEL

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2002132035 A1 20020919  
 APPLICATION INFO.: US 2001-883721 A1 20010618 (9)

NUMBER	DATE
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PRIORITY INFORMATION: WO 2001-1124 20010110

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HALE AND DORR, LLP, 60 STATE STREET, BOSTON, MA, 02109

NUMBER OF CLAIMS: 47

EXEMPLARY CLAIM: 1

LINE COUNT: 1020

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oil or fat composition comprising an oil or fat comprising 15 wt. % or more of a synthetic fat and oil and 0.2 to 20 wt. % of a and edible solidifying agents, in particular long chain fatty acids and/or long chain fatty alcohols, dissolved or dispersed in the synthetic fat and oil is provided here, which can be used in the same way as usual oil and fat in daily life to provide health benefits, while avoiding problems in appearance, taste, heating cooking and the like in comparison with usual edible oil and fat.

IT 112-92-5, Stearyl alcohol 661-19-8, Behenyl alcohol (thickened compns. of edible oil)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

RN 661-19-8 USPATFULL

CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 4 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:236416 USPATFULL  
 TITLE: Absorbent articles with simplified compositions having good stability  
 INVENTOR(S): Kruchoski, Benjamin Joseph, Neenah, WI, UNITED STATES  
 Kottek, Michael Brent, Neenah, WI, UNITED STATES  
 Krzysik, Duane Gerard, Appleton, WI, UNITED STATES  
 Cunningham, Corey Thomas, Larsen, WI, UNITED STATES  
 Orchard, Lewis Freole, IV, Appleton, WI, UNITED STATES

NUMBER KIND DATE  
 PATENT INFORMATION: US 2002128621 A1 20020912  
 APPLICATION INFO.: US 2001-27264 A1 20011221 (10)  
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2000-746880, filed on 22 Dec 2000, PENDING  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: KIMBERLY-CLARK WORLDWIDE, INC., 401 NORTH LAKE STREET, NEENAH, WI, 54956  
 NUMBER OF CLAIMS: 12  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 5 Drawing Page(s)  
 LINE COUNT: 1653

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to absorbent articles including skin care compositions. The skin care compositions of the invention are stable on the bodyside liners of absorbent articles despite not containing an immobilizing agent. Surprisingly, the skin care compositions of the invention even demonstrate less migration away from the bodyside liner than do other compositions that contain so-called "immobilizing agents". The compositions of the invention possess physical properties, such as melting points, viscosities and hardnesses, comparable to compositions containing immobilizing agents, making them suitable for use on absorbent articles.

IT 112-92-5, Stearyl Alcohol 661-19-8, Behenyl Alcohol  
 (skin care compns. contg. emollient and polymeric stability enhancer for coating onto absorbent articles)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 6 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:230619 USPATFULL  
 TITLE: Oily material composition  
 INVENTOR(S): Ishii, Hiroji, Kawasaki, JAPAN  
 Koyama, Masako, Kawasaki, JAPAN  
 Ichikawa, Tomomichi, Tokyo, JAPAN  
 Funakubo, Toshihiko, Sayama, JAPAN  
 PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Tokyo, JAPAN (non-U.S. corporation)

NUMBER KIND DATE  
 PATENT INFORMATION: US 6447790 B1 20020910  
 APPLICATION INFO.: US 2000-550334 20000414 (9)

NUMBER DATE  
 PRIORITY INFORMATION: JP 1999-108950 19990416  
 JP 1999-229048 19990813  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: GRANTED  
 PRIMARY EXAMINER: Williamson, Michael A.  
 LEGAL REPRESENTATIVE: Oblon, Spivak, McClelland, Maier & Neustadt, P.C.  
 NUMBER OF CLAIMS: 8  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)  
 LINE COUNT: 1129

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Herein is disclosed an oily material composition comprising, as effective components, both a specific alkyl or alkenyl ester of an N-long chain acyl neutral amino acid and a specific sterol ester of an N-long chain acyl neutral amino acid, or further an amphiphatic substance in addition to the said two kinds of esters, which composition has both good moisturizing property and good moisture-permeating property, as well as good water-incorporating property and good emulsification stability, and shows a good feel on use (i.e., non-stickiness, good compatibility, no heavy touch and good spreadability), and shows, when incorporated in a cosmetic composition or a dermal external agent composition, an advantage of giving moisturizing property and moisture-permeating property as well as emulsification stability thereto and of giving a good feel on use.

IT 661-19-8, Behenyl alcohol  
 (amino acid esters as oily materials for cosmetic compns.)

RN 661-19-8 USPATFULL

CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

RN 629-96-9 USPATFULL  
 CN 1-Eicosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 5 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:236410 USPATFULL  
 TITLE: Absorbent articles with non-aqueous compositions containing anionic polymers  
 INVENTOR(S): Tyrrell, David John, Appleton, WI, UNITED STATES  
 Buhrow, Chantel Spring, Weyauwega, WI, UNITED STATES  
 Ott, David Roland, Appleton, WI, UNITED STATES  
 Krzysik, Duane Gerard, Appleton, WI, UNITED STATES  
 Brock, Earl David, Kimberly, WI, UNITED STATES  
 Cahall, James Louis, Appleton, WI, UNITED STATES  
 Lin, Samuel Qcheng, Paramus, NJ, UNITED STATES

NUMBER KIND DATE  
 PATENT INFORMATION: US 2002128615 A1 20020912  
 APPLICATION INFO.: US 2000-746880 A1 20001222 (9)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: KIMBERLY-CLARK WORLDWIDE, INC., 401 NORTH LAKE STREET, NEENAH, WI, 54956  
 NUMBER OF CLAIMS: 56  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 6 Drawing Page(s)  
 LINE COUNT: 3684

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to absorbent articles including non-aqueous compositions for protecting the barrier function of the skin. The compositions can be applied to the bodyfacing surfaces of absorbent articles so that the compositions come into contact with the skin. The compositions of the invention have improved stability on the bodyfacing surfaces after processing. The compositions of the invention provide several benefits including prevention and alleviation of skin irritations associated with the use of absorbent articles. The compositions can include emollients, viscosity enhancers and anionic polymers.

IT 112-92-5, Stearyl Alcohol 661-19-8, Behenyl Alcohol  
 (absorbent articles with simplified emollient compns. having good stability)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 7 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:222095 USPATFULL  
 TITLE: Absorbent articles with hydrophilic compositions containing botanicals  
 INVENTOR(S): Tyrrell, David John, Appleton, WI, UNITED STATES  
 Buhrow, Chantel Spring, Weyauwega, WI, UNITED STATES  
 Lange, Beth Anne, Appleton, WI, UNITED STATES  
 Krzysik, Duane Gerard, Appleton, WI, UNITED STATES  
 Brock, Earl David, Kimberly, WI, UNITED STATES  
 Cahall, James Louis, Appleton, WI, UNITED STATES  
 Weintraub, Ronni Lynn, Oradell, NJ, UNITED STATES  
 Santhanam, Uma, Tenafly, NJ, UNITED STATES

NUMBER KIND DATE  
 PATENT INFORMATION: US 2002120242 A1 20020829  
 APPLICATION INFO.: US 2000-746880 A1 20001222 (9)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: KIMBERLY-CLARK WORLDWIDE, INC., 401 NORTH LAKE STREET, NEENAH, WI, 54956  
 NUMBER OF CLAIMS: 57  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 3 Drawing Page(s)  
 LINE COUNT: 3310

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to compositions and absorbent articles including compositions for protecting the skin barrier. The compositions can be applied to the bodyfacing surfaces of absorbent articles so that the compositions come into contact with the skin. The compositions of the invention have improved stability on the bodyfacing surfaces after processing. The compositions of the invention provide several benefits including prevention and alleviation of skin irritations associated with the use of absorbent articles. The compositions can include hydrophilic solvents, high molecular weight polyethylene glycols, fatty alcohols, fatty acids and extracted botanical actives.

IT 112-92-5, Stearyl alcohol 629-96-9, Arachidyl alcohol  
 661-19-8, Behenyl alcohol  
 (absorbent articles with hydrophilic compns. contg. plant exts.)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

RN 629-96-9 USPATFULL  
 CN 1-Eicosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

L9 ANSWER 7 OF 31 USPATFULL (Continued)

L9 ANSWER 8 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:222094 USPATFULL  
 TITLE: Absorbent articles with hydrophilic compositions  
 containing anionic polymers  
 INVENTOR(S): Tyrrell, David John, Appleton, WI, UNITED STATES  
 Buhrow, Chantel Spring, Weyauwega, WI, UNITED STATES  
 Ott, David Roland, Appleton, WI, UNITED STATES  
 Krzysik, Duane Gerard, Appleton, WI, UNITED STATES  
 Brock, Earl David, Kimberly, WI, UNITED STATES  
 Cahall, James Louis, Appleton, WI, UNITED STATES  
 Lin, Samuel Qcheng, Paramus, NJ, UNITED STATES

NUMBER	KIND	DATE
US 2002120241	A1	20020829
US 2000-46872	A1	20001222 (9)
Utility		
FILE SEGMENT: APPLICATION		
LEGAL REPRESENTATIVE: KIMBERLY-CLARK WORLDWIDE, INC., 401 NORTH LAKE STREET, NEENAH, WI, 54956		
NUMBER OF CLAIMS:	51	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3	Drawing Page(s)
LINE COUNT:	3282	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to compositions and absorbent articles including compositions for protecting the skin barrier. The compositions can be applied to the bodyfacing surfaces of absorbent articles so that the compositions come into contact with the skin. The compositions of the invention have improved stability on the bodyfacing surfaces after processing. The compositions of the invention provide several benefits including prevention and alleviation of skin irritations associated with the use of absorbent articles. The compositions can include hydrophilic solvents, high molecular weight polyethylene glycols, fatty alcohols, fatty acids and decoupling polymers.

IT 112-92-5, Stearyl alcohol 629-96-9, Arachidyl alcohol  
 661-19-8, Behenyl alcohol  
 (absorbent articles with hydrophilic compns. contg. anionic polymers)

RN 112-92-5 USPATFULL  
 CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>17</sub>-Me

RN 629-96-9 USPATFULL  
 CN 1-Eicosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>19</sub>-Me

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

L9 ANSWER 8 OF 31 USPATFULL (Continued)

HO- (CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 9 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:216848 USPATFULL  
 TITLE: Wet wipes having skin health benefits  
 INVENTOR(S): Krzysik, Duane Gerard, Appleton, WI, United States  
 Lange, Beth Anne, Appleton, WI, United States  
 Ott, David Roland, Appleton, WI, United States  
 Nelson, Brenda Marie, Appleton, WI, United States  
 Kimberly-Clark Worldwide, Inc., Neenah, WI, United States (U.S. corporation)

NUMBER	KIND	DATE
US 6440437	B1	20020827
US 2000-491898		20000124 (9)
Utility		
FILE SEGMENT: GRANTED		
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Howard, S.	
LEGAL REPRESENTATIVE:	Charlier, Patricia A.	
NUMBER OF CLAIMS:	51	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0	Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT:	1332	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A skin health enhancing soft wet wipe or wipe-type product, such as a baby wipe, an adult wipe, hand wipe, a face wipe, a cosmetic wipe, a household wipe, an industrial wipe, a personal cleansing wipe, cotton balls, cotton tipped swabs, and the like, can be made by combining the wipe or wipe-type product with an oil-in-water emulsion composition comprising a natural fat or oil, sterol or sterol derivative, humectant, emulsifying surfactant, and water.

IT 112-92-5, Stearyl alcohol 661-19-8, Behenyl alcohol  
 (skin barrier-enhancing wet wipes enriched with fats and surfactants)

RN 112-92-5 USPATFULL  
 CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>17</sub>-Me

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 10 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:213446 USPATFULL  
 TITLE: External dermal agent  
 INVENTOR(S): Tashiro, Hiroko, Shizuoka-ken, JAPAN  
 Ishida, Kazuto, Shizuoka-ken, JAPAN

PATENT INFORMATION: NUMBER DATE  
 US 2002114819 A1 20020822  
 APPLICATION INFO.: US 2001-944208 A1 20010904 (9)

PRIORITY INFORMATION: NUMBER DATE  
 JP 2000-376831 20001212

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: VENABLE, BAETJER, HOWARD AND CIVILETTI, LLP, P.O. BOX 34385, WASHINGTON, DC, 20043-9998

NUMBER OF CLAIMS: 2  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 1 Drawing Page(s)

LINE COUNT: 344

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An external dermal agent includes (a) at least one substance selected from the group consisting of a vitamin A compound and a derivative thereof; (b) at least one substance selected from the group consisting of a hinokitiol and a derivative thereof; and (c) at least one substance selected from the group consisting of an epidermal lipid and a similar component thereof. The external dermal agent corrects dry and rough skin, and promotes skin tautness and elasticity thereby reducing wrinkle formation.

IT 661-19-8, Behenyl alcohol  
 (topical compn. contg. vitamin A, hinokitiol, and lipid component)

RN 661-19-8 USPATFULL

CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 11 OF 31 USPATFULL (Continued)

HO-(CH<sub>2</sub>)<sub>25</sub>-Me

RN 629-96-9 USPATFULL  
 CN 1-Eicosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>19</sub>-Me

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 11 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:186176 USPATFULL  
 TITLE: High molecular weight primary aliphatic alcohols obtained from natural products and uses thereof  
 INVENTOR(S): Gamble, William K., Longmont, CO, UNITED STATES  
 Liu, Zhengjie, Superior, CO, UNITED STATES  
 Bailey, David T., Boulder, CO, UNITED STATES  
 Perez, Pedro P., Miami, FL, UNITED STATES  
 Stull, Dean P., Longmont, CO, UNITED STATES  
 Richeimer, Steven L., Westminster, CO, UNITED STATES  
 Nichols, Rebecca L., Broomfield, CO, UNITED STATES  
 Lenoble, Rod, Westminster, CO, UNITED STATES

NUMBER DATE

PATENT INFORMATION: NUMBER DATE  
 US 2002090999 A1 20020725  
 US 2001-949285 A1 20010907 (9)  
 Continuation-in-part of Ser. No. US 2001-845043, filed on 27 Apr 2001, PENDING Continuation-in-part of Ser. No. US 1999-337339, filed on 21 Jun 1999, PATED

NUMBER DATE

PRIORITY INFORMATION: NUMBER DATE  
 DOCUMENT TYPE: US 2000-236515P 20000929 (60)  
 Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: Steven C. Petersen, Hogan & Hartson, LLP, Suite 1500, 1200 17th Street, Denver, CO, 80202  
 NUMBER OF CLAIMS: 16  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 5 Drawing Page(s)  
 LINE COUNT: 717

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a naturally obtained mixture of higher molecular weight primary aliphatic alcohols which contain 20 to 34 carbon atoms. This invention also relates to the process for obtaining the alcohol mixture by extraction and purification with organic solvents from a natural product, such as beeswax with and without saponification of the natural product. The alcohol mixture obtained from beeswax has enhanced purity and contains a mixture of alcohols having 20, 22, 24, 26, 27, 28, 30, 32 and 34 carbon atoms. The alcohol mixture is useful in pharmaceutical compositions, foodstuffs and dietary supplements and is effective for lowering cholesterol levels so that it is effective in treating hypercholesterolemia.

IT 506-51-4, 1-Tetracosanol 506-52-5, 1-Hexacosanol  
 629-96-9, 1-Eicosanol 661-19-8, 1-Docosanol  
 (high mol. wt. primary aliph. alcs. from natural products)

RN 506-51-4 USPATFULL  
 CN 1-Tetracosanol (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>23</sub>-Me

RN 506-52-5 USPATFULL  
 CN 1-Hexacosanol (8CI, 9CI) (CA INDEX NAME)

L9 ANSWER 12 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:185245 USPATFULL  
 TITLE: Amphiphatic polycarboxylic chelates and complexes with paramagnetic metals as MRI contrast agents  
 INVENTOR(S): Anelli, Pier Lucio, Milano, ITALY  
 Lattuada, Luciano, Bussero, ITALY  
 Ugeri, Fulvio, Codogno, ITALY  
 Lux, Giovanna, Milano, ITALY  
 Serletti, Michele, Pessano con Bornago, ITALY  
 Gabellini, Milena, Ornago, ITALY  
 Tournier, Herve, Valleiry, FRANCE  
 Bracco International B.V. (non-U.S. corporation)

PATENT INFORMATION: NUMBER DATE  
 DOCUMENT TYPE: US 2002098152 A1 20020725  
 FILE SEGMENT: US 2001-14358 A1 20011214 (10)  
 LEGAL REPRESENTATIVE: RELATED APPLN. INFO.: Division of Ser. No. US 1999-448289, filed on 24 Nov 1999, PATED

NUMBER DATE  
 PRIORITY INFORMATION: EP 1998-203997 19981126  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: NIKON & VANDERHVE P.C., 8th Floor, 1100 North Glebe Rd., Arlington, VA, 22201-4714  
 NUMBER OF CLAIMS: 34  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 1864

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Substituted polycarboxylic ligand molecules and corresponding metal complexes of said ligands, preferably paramagnetic metals complexes for generating responses in the field of magnetic resonance imaging (MRI)  
 The paramagnetic complexes of the polycarboxylic ligands possess advantageous tensioactive properties and are useful as MRI contrast media in formulations for investigating the blood pool.

IT 112-92-5, Stearyl alcohol  
 (prepn. of amphiphatic polycarboxylic paramagnetic metal chelates as MRI contrast agents)

RN 112-92-5 USPATFULL  
 CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 13 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:141632 USPATFULL  
 TITLE: Processes for the purification of tocopherol and/or sterol compounds and compositions containing orthoborate ester mixtures  
 INVENTOR(S): McCurry, Patrick M., JR., West Chester, OH, UNITED STATES  
 Turner, Stephen W., Hamilton, OH, UNITED STATES  
 Pickens, Carl, West Chester, OH, UNITED STATES  
 Varvil, Jan R., West Chester, OH, UNITED STATES LR

NUMBER KIND DATE  
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 PATENT INFORMATION: US 2002072620 A1 20020613  
 US 6429320 B2 20020806  
 APPLICATION INFO.: US 2001-922208 A1 20010803 (9)

NUMBER DATE  
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 PRIORITY INFORMATION: US 2000-223217P 20000804 (60)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: COGNIS CORPORATION, 2500 RENAISSANCE BLVD., SUITE 200, GULPH MILLS, PA, 19406  
 NUMBER OF CLAIMS: 52  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 908  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Processes for purifying compounds are disclosed which include reacting (i) a mixture of at least one tocopherol compound or sterol compound, and an alcohol having from about 10 to 30 carbons with (ii) one or more boron-containing compounds to form a second mixture of orthoborate esters, wherein the mole ratio of tocopherol, sterol and alcohol to boron is at least about 2.5:1; heating the second mixture to form a residue containing the orthoborate esters; contacting the residue with a compound capable of solvolyzing the orthoborate esters to form a third mixture including the boron-containing compound(s), the alcohol and the tocopherol and/or sterol compound(s); and recovering the tocopherol and/or sterol compound(s). Another process for purifying such compounds includes an activated carbon treatment, which may alternatively follow the other process steps; formation of borate esters; heating to remove low boiling point components; formation of a residue comprising the borate esters; contacting the residue with a compound capable of solvolyzing the borate esters; and separation of the remaining components. Compositions including mixtures of alkyl/tocopherol/sterol orthoborate esters are also disclosed.

IT 112-92-5, Octadecanol (processes for purifi. of tocopherol and sterol compds. through formation of orthoborate ester mixts.)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 13 OF 31 USPATFULL (Continued)

L9 ANSWER 14 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:112970 USPATFULL  
 TITLE: High molecular weight primary aliphatic alcohols obtained from natural products and uses thereof  
 INVENTOR(S): Gamble, William R., Longmont, CO, UNITED STATES  
 Liu, Zhengjie, Superior, CO, UNITED STATES  
 Bailey, David T., Boulder, CO, UNITED STATES  
 Perez, Pedro P., Hialeah, FL, UNITED STATES  
 NUMBER KIND DATE  
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 PATENT INFORMATION: US 2002050713 A1 20020516  
 APPLICATION INFO.: US 2001-845043 A1 20010427 (9)  
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1999-337339, filed on 21 Jun 1999, GRANTED, Pat. No. US 6225354

NUMBER DATE  
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 PRIORITY INFORMATION: US 2000-236515P 20000929 (60)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: Steven C. Petersen, Hogan & Hartson, LLP, Suite 1500, 1200 17th Street, Denver, CO 80202  
 NUMBER OF CLAIMS: 11  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 6 Drawing Page(s)  
 LINE COUNT: 987  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a naturally obtained mixture of higher molecular weight primary aliphatic alcohols which contain 20 to 34 carbon atoms. This invention also relates to the process for obtaining the alcohol mixture by extraction and purification with organic solvents from a natural product, such as beeswax with and without saponification of the natural product. The alcohol mixture obtained from beeswax has enhanced purity and contains a mixture of alcohols having 20, 22, 24, 26, 27, 28, 30, 32 and 34 carbon atoms. The alcohol mixture is useful in pharmaceutical compositions, foodstuffs and dietary supplements and is effective for lowering cholesterol in LDL-C levels so that it is effective in treating hypercholesterolemia. Consequently the composition may be used to reduce the risk of coronary heart disease, to inhibit the atherosclerotic process (platelet hyperaggregability, ischemia and thrombosis) and also to act as an anti-inflammatory and anti-thrombotic agent. The composition also possesses neurotrophic properties and is useful for improving male sexual activity.

IT 506-51-4P, 1-Tetracosanol 506-52-5P, 1-Hexacosanol 629-96-9P, 1-Eicosanol 661-19-8P, 1-Docosanol (high-mol. wt. primary aliph. alcs. obtained from natural products for medicinal uses)

RN 506-51-4 USPATFULL

CN 1-Tetracosanol (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>23</sub>-Me

RN 506-52-5 USPATFULL

CN 1-Hexacosanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>25</sub>-Me

L9 ANSWER 14 OF 31 USPATFULL (Continued)

RN 629-96-9 USPATFULL  
 CN 1-Eicosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>19</sub>-Me

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 15 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:112320 USPATFULL  
 TITLE: COSMETIC MATERIAL COMPRISING ORGANOPOLYSILOXANE-GRAFTED  
 SILICONE COMPOUND  
 INVENTOR(S): Nakanishi, Tetsuo, Gunma-ken, JAPAN  
 Ono, Ichiro, Gunma-ken, JAPAN

NUMBER KIND DATE  
 PATENT INFORMATION: US 2002058053 A1 20020516  
 APPLICATION INFO.: US 2000-592542 A1 20000612 (9)

NUMBER DATE  
 PRIORITY INFORMATION: JP 1999-164768 19990611  
 JP 2000-169265 20000606  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: Millen White Zelano & Branigan PC, Arlington Courthouse  
 Plaza I, Suite 1400, 2200 Clarendon Boulevard,  
 Arlington, VA, 22201  
 NUMBER OF CLAIMS: 28  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 1329  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic material in which a silicone compound represented by the following formula (1) is mixed:

R.sup.1.sub.aR.sup.2.sub.bSiO.sub.(4-a-b)/2 (1)

wherein R.sup.1 groups, which are the same or different, each represent a hydrogen atom or an organic group selected from the class consisting of alkyl groups containing 1 to 30 carbon atoms, aryl groups, aralkyl groups, fluorinated alkyl groups and organic groups represented by the following formula (2); R.sup.2 groups each represent a silicone group represented by the following formula (3); a is a number of from 1.0 to 2.5; b is a number of from 0.001 to 1.5;

--C.sub.cH.sub.2c--O--(C.sub.2H.sub.4O).sub.d(C.sub.3H.sub.6O).sub.eR.su.p.3 (2)

##STR1##

wherein R.sup.3 is a hydrocarbon group containing 4 to 30 carbon atoms, or an organic group represented by R.sup.4--[CO]--; R.sup.4 is a hydrocarbon group containing 1 to 30 carbon atoms; c is an integer of from 0 to 15, d is an integer of from 0 to 50, and e is an integer of from 0 to 50; The silicone compounds represented by formula (1) not only have high compatibility with other ingredients of cosmetics, such as oils, surfactants and powders, to ensure high stability in the emulsified state, but also they produce an excellent effect in cleansing sebum stains and durable makeup stains.

IT 112-92-5, Stearyl alcohol  
 (cosmetic compns. contg. siloxanes)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

L9 ANSWER 16 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:27466 USPATFULL  
 TITLE: Compositions containing phytosterol and policosanol esters of fatty acids for reducing blood cholesterol and triglycerides  
 INVENTOR(S): Schersl, Endre Markovits, Quilpué, CHILE

NUMBER KIND DATE  
 PATENT INFORMATION: US 2002016314 A1 20020207  
 APPLICATION INFO.: US 2001-772790 A1 20010130 (9)

NUMBER DATE

PRIORITY INFORMATION: CL 2000-2092000 20000131  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: David I. ROCHE, BAKER & MCKENZIE, 130 E. Randolph  
 Drive, Chicago, IL, 60601  
 NUMBER OF CLAIMS: 35  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 603  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition for lowering LDL-cholesterol levels or for elevating HDL-cholesterol levels in blood of a mammal or both, comprised of an ester of a policosanol or a mixture or esters of policosanols and a method for lowering LDL-cholesterol levels or for elevating HDL-cholesterol levels in blood of a mammal or both, comprised of orally administering to said mammal a composition comprising an effective amount of an ester of a policosanol or a mixture of esters of

A composition for lowering LDL-cholesterol and triglycerides or for elevating HDL-cholesterol in blood of a mammal or both, comprised of an ester of a phytosterol or a mixture of esters of phytosterols wherein the acid moiety of the ester or the mixture of esters is fatty acid selected from the group consisting of eicosapentaenoic acid, docosapentaenoic acid, linoleic acid, linolenic acid and arachidonic acid or a mixture of said esters, and a method for lowering LDL-cholesterol and triglycerides or for elevating HDL-cholesterol in blood of a mammal or both, comprised of orally administering to said mammal a composition comprising an effective amount of an ester of a phytosterol or mixture of esters of a phytosterols wherein the acid moiety of the ester or the mixture esters is a fatty acid selected from the group consisting of eicosapentaenoic acid, docosapentaenoic acid, linoleic acid, linolenic acid and arachidonic acid.

A second composition for lowering LDL-cholesterol and triglycerides or for elevating HDL-cholesterol in blood of a mammal or both, comprised of an ester of a policosanol or a mixture of esters of policosanol and an ester of a phytosterol or a mixture of esters of phytosterols wherein the acid moiety of the ester of the phytosterol or the mixture of esters of the phytosterols is a fatty acid and a second method for lowering LDL-cholesterol and triglycerides or for elevating HDL-cholesterol in blood of a mammal or both, comprised of orally administering to said mammal a composition containing an effective amount of an ester of a policosanol or mixture of esters of policosanols, and an ester of a phytosterol or mixture of esters of phytosterols wherein the acid moiety of the ester of the phytosterol and the mixture of esters of the phytosterols is a fatty acid.

IT 506-51-4, Tetracosanol 506-52-5, Hexacosanol

L9 ANSWER 15 OF 31 USPATFULL (Continued)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 16 OF 31 USPATFULL (Continued)

629-96-9, Eicosanol 661-19-8, Docosanol  
 (anticholesteremic and triglyceride-lowering effects of compns. contg. phytosterol and policosanol esters of fatty acids)

RN 506-51-4 USPATFULL

CN 1-Tetracosanol (8CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>23</sub>-Me

RN 506-52-5 USPATFULL

CN 1-Hexacosanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>25</sub>-Me

RN 629-96-9 USPATFULL

CN 1-Eicosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>19</sub>-Me

RN 661-19-8 USPATFULL

CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 17 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:27057 USPATFULL  
 TITLE: Photosensitive material comprising reversibly  
 decolorable colored layer and image-forming method  
 using same  
 INVENTOR(S): Ishikawa, Shunichi, Kanagawa-ken, JAPAN  
 Yabuki, Yoshiharu, Saitama-ken, JAPAN  
 PATENT ASSIGNEE(S): FUJI PHOTO FILM CO., LTD (non-U.S. corporation)

NUMBER KIND DATE  
 PATENT INFORMATION: US 2002015903 A1 20020207  
 APPLICATION INFO.: US 2001-886121 A1 20010622 (9)

NUMBER DATE  
 PRIORITY INFORMATION: JP 2000-190326 20000623  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: SUGHRUE, MION, ZINN, MACPEAK & SEAS, 2100 Pennsylvania Avenue, N.W., Washington, DC, 20037

NUMBER OF CLAIMS: 5  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 2101  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A photosensitive material comprising a substrate and a reversibly decolorable colored layer disposed thereon, wherein the reversibly decolorable colored layer is reversibly colored and decolored, the reversibly decolorable colored layer is in a colored state at 25 .degree. C., and a temperature at which the color density of the reversibly decolorable colored layer is reduced to 50% based on that at 25 .degree. C. is 50 to 120 .degree. C. A method for forming an image using the photosensitive material is also provided.

IT 112-92-5, Stearyl alcohol  
 (decoloring agent in color filter layers of photog. film)  
 RN 112-92-5 USPATFULL  
 CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 18 OF 31 USPATFULL  
 ACCESSION NUMBER: 2002:21805 USPATFULL  
 TITLE: Cosmetic composition for stressed skin under extreme conditions  
 INVENTOR(S): Mohammadi, Fatemeh, Hebron, CT, UNITED STATES  
 Vargas, Anthony, Monroe, CT, UNITED STATES

NUMBER KIND DATE  
 PATENT INFORMATION: US 2002012640 A1 20020131  
 APPLICATION INFO.: US 2001-880245 A1 20010613 (9)

NUMBER DATE  
 PRIORITY INFORMATION: US 2000-211290P 20000613 (60)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020  
 NUMBER OF CLAIMS: 9  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 486  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition is provided effective against stresses of climate extremes. The composition includes hot, cold and dry climate treatment portions. The hot climate treatment portion has a first botanical ingredient to impart a cool sensation, and a sunscreen agent. The cold climate treatment portion has a second botanical ingredient to combat skin inflammation, and a silicone fluid or hydrocarbon for retaining moisture. The dry climate treatment portion has a third botanical ingredient to impart moisturization and an ester.

IT 112-92-5, Stearyl Alcohol  
 (cosmetic compn. for stressed skin contg. hydrocarbon, silicone, plant exts., and sunscreen)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 19 OF 31 USPATFULL

ACCESSION NUMBER: 2002:19410 USPATFULL  
 TITLE: Amphiphatic polycarboxylic chelates and complexes with paramagnetic metals as MRI contrast agents

INVENTOR(S): Anelli, Pier Lucio, Milan, ITALY  
 Lattuada, Luciano, Bussero, ITALY  
 Uggeri, Fulvio, Codogno, ITALY  
 Lux, Giovanna, Milan, ITALY  
 Serletti, Michele, Pessano con Bornago, ITALY  
 Gabellini, Milena, Ornago, ITALY  
 Tournier, Herve, Valleiry, ITALY  
 PATENT ASSIGNEE(S): Bracco International B.V., Amsterdam, NETHERLANDS (non-U.S. corporation)

NUMBER KIND DATE  
 PATENT INFORMATION: US 6342598 B1 20020129  
 APPLICATION INFO.: US 1999-448289 19991124 (9)

NUMBER DATE  
 PRIORITY INFORMATION: EP 1998-203997 19981126  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: GRANTED  
 PRIMARY EXAMINER: Raymond, Richard L.  
 ASSISTANT EXAMINER: Habte, Kahsay  
 LEGAL REPRESENTATIVE: Nixon & Vanderhyde  
 NUMBER OF CLAIMS: 8  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 0 Drawing Figure(s), 0 Drawing Page(s)  
 LINE COUNT: 1701  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Substituted polycarboxylic ligand molecules and corresponding metal complexes of said ligands, preferably paramagnetic metals complexes for generating responses in the field of magnetic resonance imaging (MRI). The paramagnetic complexes of the polycarboxylic ligands possess advantageous tensioactive properties and are useful as MRI contrast media in formulations for investigating the blood pool.

IT 112-92-5, Stearyl alcohol  
 (prep. of amphiphatic polycarboxylic paramagnetic metal chelates as MRI contrast agents)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 20 OF 31 USPATFULL

ACCESSION NUMBER: 2001:214670 USPATFULL  
 TITLE: Personal care articles  
 INVENTOR(S): Lorenzi, Marc Paul, Egham, United Kingdom  
 Smith, III, Edward Dewey, Mason, OH, United States  
 PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

NUMBER KIND DATE  
 PATENT INFORMATION: US 6322801 B1 20011127  
 APPLICATION INFO.: US 1999-444343 19991119 (9)

NUMBER DATE  
 PRIORITY INFORMATION: US 1999-146815P 19990802 (60)

DOCUMENT TYPE: Utility  
 FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Page, Thurman K.

ASSISTANT EXAMINER: Ghali, Isis

LEGAL REPRESENTATIVE: Kendall, Dara M., Matthews, Armina E.

NUMBER OF CLAIMS: 21

EXEMPLARY CLAIM: 1

LINE COUNT: 2863

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a substantially dry, disposable personal care article suitable for cleansing wherein the article comprises: a) a water insoluble substrate comprising a first layer that includes a nonwoven ply and a polymeric net arranged with the nonwoven ply; and b) a cleansing component disposed adjacent to said first layer, wherein said component comprises from about 10% to about 1000%, by weight of the water insoluble substrate, of a lathering surfactant. The present invention further relates to a substantially dry, disposable personal care article suitable for conditioning wherein the above-described article comprises a therapeutic benefit component, disposed adjacent to the water insoluble substrate, wherein the therapeutic benefit component comprises from about 10% to about 1000%, by weight of the water insoluble substrate, of a therapeutic benefit agent in addition to or in lieu of the cleansing component. These articles have been found to be particularly useful for personal cleansing applications, namely for the skin and hair.

IT 112-92-5, Stearyl Alcohol  
 (personal cleansing compns. contg. polymers and lathering surfactant or soap)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 21 OF 31 USPATFULL  
 ACCESSION NUMBER: 2001:160233 USPATFULL  
 TITLE: Process for obtaining unsaponifiable compounds from black-liquor soaps, tall oil and their by-products  
 INVENTOR(S): Fuenzalida Diaz, Miguel Angel, Santiago, Chile  
 Markovits Rojas, Alejandro, Santiago, Chile  
 Leiva Hinojosa, Roberto Benito, Santiago, Chile  
 Markovits Schersl, Endre, Quilpué, Chile  
 PATENT ASSIGNEE(S): Harting, S.A., Santiago, Chile (non-U.S. corporation)

NUMBER KIND DATE  
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 PATENT INFORMATION: US 6297353 B1 20011002  
 APPLICATION INFO.: US 1999-294303 19990419 (9)

NUMBER DATE  
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 PRIORITY INFORMATION: CL 1998-07398 19980422  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: GRANTED  
 PRIMARY EXAMINER: Nutter, Nathan M.  
 LEGAL REPRESENTATIVE: Baker & McKenzie  
 NUMBER OF CLAIMS: 17  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 1 Drawing Figure(s), 1 Drawing Page(s)  
 LINE COUNT: 986  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for obtaining neutral compounds from black-liquor soaps, tall oil and tall oil by-products is disclosed. The method includes the steps of: (1) dehydrating black liquor soaps, neutralized tall oil, or neutralized tall oil by-products to form a dehydrated current; (2) distilling the dehydrated current in a distillation column; (3) collecting an essentially neutral compound free distillate; and (4) collecting an essentially neutral compound free residue. Also disclosed is a method for obtaining a sterol concentrate from black-liquor soap solutions, neutralized tall oil, or neutralized tall oil by-products. In this method, a distillation operation is repeated until a current of sterols with the desired purity is obtained. The method yields a sterol concentrate with a level of purity over 96%. In another version of the method, a high purity sterol concentrate is achieved by vacuum fractionation.

IT 506-51-4P, Tetracosanol 506-52-5P, Hexacosanol  
 629-96-9P, 1-Eicosanol 661-19-8P, Docosanol  
 (high efficiency sepn. of unsaponifiable fractions from black-liquor soaps or crude tall oil)  
 RN 506-51-4 USPATFULL  
 CN 1-Tetracosanol (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>23</sub>-Me

RN 506-52-5 USPATFULL  
 CN 1-Hexacosanol (8CI, 9CI) (CA INDEX NAME)

L9 ANSWER 22 OF 31 USPATFULL  
 ACCESSION NUMBER: 2001:152499 USPATFULL  
 TITLE: Absorbent articles providing skin health benefits  
 INVENTOR(S): Krzysik, Duane Gerard, Appleton, WI, United States  
 Ottis, David Roland, Appleton, WI, United States  
 Lange, Beth Anne, Appleton, WI, United States  
 Nelson, Brenda Marie, Appleton, WI, United States  
 PATENT ASSIGNEE(S): Kimberly-Clark Worldwide, Inc., Neenah, WI, United States (U.S. corporation)

NUMBER KIND DATE  
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 PATENT INFORMATION: US 6287581 B1 20010911  
 APPLICATION INFO.: US 1999-379928 19990824 (9)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: GRANTED  
 PRIMARY EXAMINER: Page, Thurman K.  
 ASSISTANT EXAMINER: Ghae, Isis  
 LEGAL REPRESENTATIVE: Charlier, Patricia A.  
 NUMBER OF CLAIMS: 38  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 2 Drawing Figure(s), 2 Drawing Page(s)  
 LINE COUNT: 1388  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A superior skin barrier enhancing body facing material, such as a body side liner on an absorbent article, can be made by applying, on the outer surface of the body facing material, a lipid-enriched hydrophobic composition comprising a natural fat or oil, a sterol or sterol derivative, an emulsifying surfactant, a humectant, an emollient, a wax, and a viscosity enhancer, and thereafter resolidifying the composition to form a distribution of solid composition on the outer surface of the body facing material.

IT 112-92-5, Stearyl alcohol 661-19-8, Behenyl alcohol  
 (skin barrier-enhancing compns. for absorbents contg.)  
 RN 112-92-5 USPATFULL  
 CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 21 OF 31 USPATFULL (Continued)

HO-(CH<sub>2</sub>)<sub>25</sub>-Me

RN 629-96-9 USPATFULL  
 CN 1-Eicosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>19</sub>-Me

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 23 OF 31 USPATFULL  
 ACCESSION NUMBER: 2001:136020 USPATFULL  
 TITLE: Method of decoloring an image forming material formed on a paper sheet  
 INVENTOR(S): Sano, Kenji, Tokyo, Japan  
 Naito, Katsuyuki, Tokyo, Japan  
 Takayama, Satoshi, Kawasaki, Japan  
 Fujikawa, Sawako, Tokyo, Japan  
 Okuyama, Tetsuo, Yokohama, Japan  
 Machida, Shigeru, Kawasaki, Japan  
 Kabushiki Kaisha Toshiba, Kawasaki, Japan (non-U.S. corporation)

NUMBER KIND DATE  
 -----  
 PATENT INFORMATION: US 6277208 B1 20010821  
 APPLICATION INFO.: US 1999-235380 19990122 (9)  
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1997-900708, filed on 25 Jul 1997, now patented, Pat. No. US 5922115

NUMBER KIND DATE  
 -----  
 PRIORITY INFORMATION: JP 1996-196191 19960725  
 JP 1998-11654 19980123  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: GRANTED  
 PRIMARY EXAMINER: El-Arini, Zeinab  
 LEGAL REPRESENTATIVE: Orlon, Spivak, McClelland, Maier & Neustadt, P.C.  
 NUMBER OF CLAIMS: 19  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 26 Drawing Figure(s), 15 Drawing Page(s)  
 LINE COUNT: 3503  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An image forming material formed on a paper sheet and containing a color former, a developer and a decolorizer, is decolored by heating of the image forming material, contacting the image forming material with a solvent optionally containing a decolorizer, and removing a residual solvent from the paper sheet.

IT 661-19-8, Docosanol  
 (phase-shift accelerator; method of decoloring an image forming material formed on a paper sheet)

RN 661-19-8 USPATFULL  
 CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 24 OF 31 USPATFULL  
 ACCESSION NUMBER: 2001:63731 USPATFULL  
 TITLE: High molecular weight primary aliphatic alcohols obtained from beeswax and pharmaceutical use thereof  
 INVENTOR(S): Perez, Pedro F., Miami, FL, United States  
 PATENT ASSIGNEE(S): Cholesterol Control Laboratories, Inc., Ft. Lauderdale, FL, United States (U.S. corporation)

NUMBER	KIND	DATE
PATENT INFORMATION: US 6225354	B1	20010501
APPLICATION INFO.: US 1999-337339		19990621 (9)
DOCUMENT TYPE: Utility		
FILE SEGMENT: Granted		
PRIMARY EXAMINER: O'Sullivan, Peter		
LEGAL REPRESENTATIVE: Blank Rome Comisky & McCauley, LLP		
NUMBER OF CLAIMS: 19		
EXEMPLARY CLAIM: 1		
LINE COUNT: 1228		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a naturally obtained mixture of higher molecular weight primary aliphatic alcohols which contain 24 to 34 carbon atoms. This invention also relates to the process for obtaining the alcohol mixture by extraction and purification with organic solvents from beeswax without saponification of the beeswax. The alcohol mixture obtained from beeswax has enhanced purity and contains a mixture of alcohols having 24, 26, 27, 28, 29, 30, 32 and 34 carbon atoms. The alcohol mixture is useful in pharmaceutical compositions, foodstuffs and dietary supplements and is effective for lowering cholesterol in LDL-C levels so that it is effective in treating hypercholesterolemia. Consequently the composition may be used to reduce the risk of coronary heart disease, the atherosclerotic process (platelet hyperaggregability, ischemia and thrombosis) and also acts as an anti-inflammatory and anti-thrombotic agent. The composition also possesses neurotrophic properties and is useful for improving male sexual activity.

IT 506-51-4, 1-Tetracosanol 506-52-5, 1-Hexacosanol (high-mol. wt. primary aliph. alcs. obtained from beeswax and their pharmaceutical uses)

RN 506-51-4 USPATFULL

CN 1-Tetracosanol (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>23</sub>-Me

RN 506-52-5 USPATFULL

CN 1-Hexacosanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>25</sub>-Me

L9 ANSWER 26 OF 31 USPATFULL  
 ACCESSION NUMBER: 95:108168 USPATFULL  
 TITLE: Stabilizer for phospholipid vesicles  
 INVENTOR(S): Saitoh, Akihisa, Togane, Japan  
 Yoshimura, Kiyoshi, Chiba, Japan  
 Suzuki, Takao, Chiba, Japan  
 Takisada, Mikimasa, Yokohama, Japan  
 Takeoka, Shinji, Tokyo, Japan  
 Sakai, Hiromi, Tokyo, Japan  
 Tsuchida, Eishun, Tokyo, Japan  
 PATENT ASSIGNEE(S): Chiba Flour Milling Co., Ltd., Chiba, Japan (non-U.S. corporation)

NUMBER	KIND	DATE
PATENT INFORMATION: US 5472951		19951205
APPLICATION INFO.: US 1993-28519		19930309 (8)

NUMBER	DATE	
PRIORITY INFORMATION: JP 1992-126716	19920421	
	JP 1992-148922	19920518
	JP 1992-191364	19920626
	JP 1992-206136	19920710

DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Griffin, Ronald W.

LEGAL REPRESENTATIVE: McAulay Fisher Nissen Goldberg & Kiel

NUMBER OF CLAIMS: 6

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)

LINE COUNT: 1307

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oligosaccharide lipid is provided which has 2 to 20 saccharide units, and has a hydrophobic group linked by an ether linkage to an anomer carbon on a reducing end group. A stabilizer for a phospholipid vesicle is also provided which comprises an oligosaccharide derivative having 2 to 20 saccharide units, and having a hydrophobic group linked by an amide linkage or an ether linkage to an anomer carbon on a reducing end group constituted of an aldose.

IT 112-92-5, Stearyl alcohol (reaction of, with laminarinpentaoose acetate, in prepn. of stabilizer for phospholipid vesicles)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 25 OF 31 USPATFULL  
 ACCESSION NUMBER: 2000:160607 USPATFULL  
 TITLE: Article having a transferable breathable skin care composition thereon  
 INVENTOR(S): Vega, Victor Nichols, Cincinnati, OH, United States  
 Hansen, Thomas Robert, Taylor Mill, KY, United States  
 Hauvermeiren, Tim Van, Ramsdonk, Belgium  
 Roe, Donald Carroll, West Chester, OH, United States  
 The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

NUMBER	KIND	DATE
PATENT INFORMATION: US 6153209		200001128
APPLICATION INFO.: US 1999-407950		19990928 (9)
DOCUMENT TYPE: Utility		
FILE SEGMENT: Granted		
PRIMARY EXAMINER: Page, Thurman K.		
ASSISTANT EXAMINER: Ghali, Isis		
LEGAL REPRESENTATIVE: Mai-Berk, Caroline, Allen, George W., Stone, Kirsten K.		
NUMBER OF CLAIMS: 82		
EXEMPLARY CLAIM: 1		
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT: 2420		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to an article having a skin care composition disposed on at least a portion of the article. The skin care composition is a breathable, barrier protectant which can be immobilized on the article and is transferable to the wearer's skin via contact, normal wearer motion and/or body heat. Particularly, the skin care composition should have a water vapor transmission rate of at least about 0.1 gm/m.<sup>2</sup>/hr and a barrier property of at least about -25 on Hunter b scale, as measured by a Methylene Blue Dye Method.

IT 112-92-5, Stearyl alcohol 661-19-8, Lanette 22 (articles having transferable breathable skin care compns. contg.)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

RN 661-19-8 USPATFULL

CN 1-Docosanol (6CI, 8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>21</sub>-Me

L9 ANSWER 27 OF 31 USPATFULL  
 ACCESSION NUMBER: 90:89128 USPATFULL  
 TITLE: Water dispersible gemfibrozil compositions  
 INVENTOR(S): Ghebre-Sellassie, Isaac, Stanhope, NJ, United States  
 Gordon, Robert H., Dover, NJ, United States  
 Iyer, Uma, Hembham, NJ, United States  
 Fawzi, Mahdi B., Road Flanders, NJ, United States  
 Warner-Lambert Company, Ann Arbor, MI, United States (U.S. corporation)

NUMBER	KIND	DATE
PATENT INFORMATION: US 4971804		19900120
APPLICATION INFO.: US 1989-305081		19890202 (7)
DOCUMENT TYPE: Utility		
FILE SEGMENT: Granted		
PRIMARY EXAMINER: Page, Thurman K.		
LEGAL REPRESENTATIVE: Mathews, Woodbridge & Collins		
NUMBER OF CLAIMS: 4		
EXEMPLARY CLAIM: 1		
LINE COUNT: 149		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A water-dispersible formulation of gemfibrozil comprising finely divided particles of pure gemfibrozil uniformly coated with a mixture of a wax and at least one hydrophilic material, the coated particles in turn being overcoated with a minor amount of a surfactant.

IT 112-92-5, Stearyl alcohol (gemfibrozil water-dispersible coating contg.)

RN 112-92-5 USPATFULL

CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO-(CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 28 OF 31 USPATFULL  
 ACCESSION NUMBER: 87:55047 USPATFULL  
 TITLE: Surfactant mixtures, stable gas-in-liquid emulsions, and methods for the production of such emulsions from said mixtures  
 INVENTOR(S): D'Arigo, Joseph S., 23A Brickyard Rd., Farmington, CT, United States 06032

NUMBER KIND DATE  
 -----  
 PATENT INFORMATION: US 4684479 19870804  
 APPLICATION INFO.: US 1985-765917 19850814 (6)  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Terapane, John F.  
 ASSISTANT EXAMINER: Kilby, Catherine S.  
 LEGAL REPRESENTATIVE: Kramer, Brufsky & Cifelli  
 NUMBER OF CLAIMS: 13  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)  
 LINE COUNT: 490  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB Surfactant mixtures for the production of stable gas-in-liquid emulsions are provided comprising:

- (a) a member selected from the group consisting of glycerol monoesters of saturated carboxylic acids containing from about 10 to about 18 carbon atoms and aliphatic alcohols containing from about 10 to about 18 carbon atoms;
- (b) a sterol-aromatic acid ester;
- (c) a member selected from the group consisting of sterols, terpenes, bile acids and alkali metal salts of bile acids;
- (d) a member selected from the group consisting of sterol esters of aliphatic acids containing from 1 to about 18 carbon atoms; sterol esters of sugar acids; esters of sugar acids and aliphatic alcohols containing from about 10 to about 18 carbon atoms; esters of sugars and aliphatic acids containing from about 10 to about 18 carbon atoms; sugar acids; saponins; and sapogenins; and
- (e) a member selected from the group consisting of glycerol, glycerol di- or triesters of aliphatic acids containing from about 10 to about 18 carbon atoms and aliphatic alcohols containing from about 10 to about 18 carbon atoms;

said components being present in said mixture in a weight ratio a:b:c:d:e of 2-4:0.5-1.5:0.5-1.5:0-1.5:0-1.5.

Processes are also provided for forming stable gas-in-liquid emulsions from said surfactant mixtures.

IT 112-92-5  
 (surfactant mixts. contg., for stabilization of gas-liq. emulsions)  
 RN 112-92-5 USPATFULL  
 CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

L9 ANSWER 28 OF 31 USPATFULL (Continued)  
 HO- (CH<sub>2</sub>)<sub>17</sub>-Me

L9 ANSWER 29 OF 31 USPATFULL  
 ACCESSION NUMBER: 87:35891 USPATFULL  
 TITLE: Non-ionic surface-active agents and compositions in which they are present  
 INVENTOR(S): Vanlerberghe, Guy, Claye-Souilly, France  
 Sebag, Henri, Paris, France  
 PATENT ASSIGNEE(S): L'Oreal, Paris, France (non-U.S. corporation)

NUMBER KIND DATE  
 -----  
 PATENT INFORMATION: US 4666711 19870519  
 APPLICATION INFO.: US 1985-777251 19850918 (6)  
 RELATED APPLN. INFO.: Continuation of Ser. No. US 1983-548162, filed on 2 Nov 1983, now abandoned which is a continuation of Ser. No. US 1980-188022, filed on 17 Sep 1980, now abandoned

NUMBER DATE  
 -----  
 PRIORITY INFORMATION: FR 1979-23253 19790918  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Hellfin, Bernard  
 LEGAL REPRESENTATIVE: Cushman, Darby & Cushman  
 NUMBER OF CLAIMS: 6  
 EXEMPLARY CLAIM: 1,4  
 LINE COUNT: 670  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to non-ionic surface-active agents which correspond to the formula ##STR1## in which R denotes a linear or branched, saturated or unsaturated aliphatic radical containing 4 to 20 carbon atoms; R<sub>sub.1</sub> denotes (1) a, preferably linear, alkyl radical, (2) a linear or branched alkoxyethyl radical or (3) an alkenyloxyethyl radical, the alkyl or alkenyl parts of these radicals containing from 4 to 20 carbon atoms, and Z denotes a polyether linkage corresponding to the formula ##STR2## in which n denotes an average statistical value of 2 to 20 and A denotes (a) the group OH,

(b) the group ##STR3## in which u denotes 0 or 1, or (c) the group ##STR4## in which u denotes 0 or 1, the radicals R and R<sub>sub.1</sub> containing a total of 12 to 38 carbon atoms, as well as to the derivatives of the above compounds which result from the reaction of ethylene oxide or glycidol with the OH groups.

These compounds can be used, in particular, as base surface-active agents or as additives in cosmetic or pharmaceutical compositions.

IT 112-92-5DP, hydrolyzed condensation products with oxirane derivs. (prepn. of)  
 RN 112-92-5 USPATFULL  
 CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

L9 ANSWER 30 OF 31 USPATFULL  
 ACCESSION NUMBER: 83:27625 USPATFULL  
 TITLE: Phytosterol blends  
 INVENTOR(S): Lundmark, Larry D., Richfield, MN, United States  
 PATENT ASSIGNEE(S): Henkel Corporation, Minneapolis, MN, United States (U.S. corporation)

NUMBER KIND DATE  
 -----  
 PATENT INFORMATION: US 4391732 19830705  
 APPLICATION INFO.: US 1979-32988 19790425 (6)  
 RELATED APPLN. INFO.: Division of Ser. No. US 1975-584319, filed on 6 Jun 1975, now patented, Pat. No. US 4218334  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Lovering, Richard D.  
 LEGAL REPRESENTATIVE: Collins, Forrest L., Span, Patrick J.  
 NUMBER OF CLAIMS: 5  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 267  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB A blend including phytosterol together with saturated fatty acids and/or saturated fatty alcohols is disclosed.

IT 112-92-5  
 (phytosterol solubilization by, for cosmetics)  
 RN 112-92-5 USPATFULL  
 CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO- (CH<sub>2</sub>)<sub>17</sub>-Me

19 ANSWER 31 OF 31 USPATFULL  
ACCESSION NUMBER: 80:40458 USPATFULL  
TITLE: Phytosterol blends  
INVENTOR(S): Lundmark, Larry D., Richfield, MN, United States  
PATENT ASSIGNEE(S): Henkel Corporation, Minneapolis, MN, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4218334		19800819
APPLICATION INFO.:	US 1975-584319		19750606 (5)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lovering, Richard D.		
LEGAL REPRESENTATIVE:	Collins, Forrest L.		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
LINE COUNT:	258		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB A blend including phytosterol together with saturated fatty acids and/or  
saturated fatty alcohols is disclosed.  
IT 112-92-5  
(phytosterol solubilization by, for cosmetics)  
RN 112-92-5 USPATFULL  
CN 1-Octadecanol (8CI, 9CI) (CA INDEX NAME)

HO--(CH<sub>2</sub>)<sub>17</sub>-Me

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(FILE 'HOME' ENTERED AT 15:32:41 ON 25 NOV 2002)

FILE 'REGISTRY' ENTERED AT 15:38:16 ON 25 NOV 2002

L1 10 S OCTADECANOL/CN OR EICOSANOL/CN OR DOCOSANOL/CN OR TETRACOSANO

FILE 'CPLUS' ENTERED AT 15:38:53 ON 25 NOV 2002

L2 7047 S L1

L3 400 S L2 AND (SITOSTEROL OR SITOSTANOL OR CAMPESTEROL OR CAMPESTANO

L4 0 S L3 AND CHOLESTEROL-LOWER?

L5 17 S L2 (P) (SITOSTEROL OR SITOSTANOL OR CAMPESTEROL OR CAMPESTANO

L6 391 S L1/THU

L7 11 S L6 AND (SITOSTEROL OR SITOSTANOL OR CAMPESTEROL OR CAMPESTAN

FILE 'USPATFULL' ENTERED AT 15:43:48 ON 25 NOV 2002

L8 1373 S L1

L9 31 S L8 AND (SITOSTEROL OR SITOSTANOL OR CAMPESTEROL OR CAMPESTAN